

*CLAIM AMENDMENTS*

1. (Currently Amended) A nonprecious metal dental casting alloy, ~~particularly for the synthesis of dental prosthetic constructions and model casting bases,~~ substantially comprising

25 – 35	wt%	Cr
2 – 6	wt%	Mo
3 – 12	wt%	W
0.8 – 1.5	wt%	Si
up to 0.3	wt%	Mn
0.1 – 0.35	wt%	N
<0.1	wt%	Ni
0.2 – 1.5	wt%	Ta

and manufacturing impurities of ~~<0.1~~ <0.1 wt% in each case, wherein the remainder is cobalt, and  
the content of tungsten (W) ~~being~~ is always greater than the content of molybdenum (Mo).

2. (Currently Amended) ~~An~~ The alloy as defined in claim 1, ~~characterized in that~~  
wherein the alloy is substantially free from rare-earth elements.

3. (Currently Amended) ~~An~~ The alloy as defined in claim 1 ~~or claim 2, characterized in that,~~  
wherein the alloy is substantially free from the element carbon.

4. (Currently Amended) ~~The use of an alloy as defined in any one of claims 1 to 3~~ A  
method for the production of prosthetic constructions ~~to be veneered~~ comprising  
veneering the alloy of claim 1 with tooth-colored ceramic bodies.

5. (Currently Amended) ~~The use of an alloy as defined in any one of claims 1 to 3~~ A  
method for the production of model casting bases comprising casting the alloy of claim  
1.

In re Appln. of Jürgen LINDIGKEIT  
Application No. 10/606,937

6. (Currently Amended) A process for the production of an alloy ~~as defined in any one of claims 1 to 3, characterized in that comprising~~ extrusion casting ~~is used for said production~~ the nonprecious dental casting alloy of claim 1.